



DEPARTMENT OF THE ARMY
California Army National Guard
HEADQUARTERS, CAMP ROBERTS
CAMP ROBERTS, CALIFORNIA 93451-5000

CACR-DPTMS

13 March 2006

SUBJECT: Laser Marksmanship Trainer System (LMTS) Standing Operating Procedures (SOP)

SECTION I

- 1-1 **PURPOSE:** To establish policies and procedures for operations, utilization, and control of the LMTS.
- 1-2 **SCOPE:** This SOP applies to all activities, units, and agencies authorized to obtain support from the Camp Roberts MTC.
- 1-3 **PROVISIONS FOR CHANGE:** This SOP will be reviewed at least annually by LMTS Staff for updates.

SECTION II

2-1 **GENERAL:** The LMTS is temporarily located in BLDG 5006, Camp Roberts, CA. All units must submit their scheduling request utilizing the automated Range and Facility Management Support System (RFMSS). The LMTS is a Unit Simulation Facility, which operates under the auspices of the Camp Roberts DPTMS.

The LMTS is designed for use as a unit and instructional trainer. The indoor, multipurpose, multilane LMTS design provides for individual small arms, and crew served. The system is comprised of multiple independent subsystems that can be networked to help improve PMI and Marksmanship. The LMTS is one computer which controls up to 10 lanes. Currently there are 4 lanes available at Camp Roberts.

The LMTS enhances training by adding realism to the scenario with the use of:

- 1. Sight – Displays targets for correct sight alignment, Correct Breathing, Correct Posture, and Correct Trigger Squeeze.
- 2. Sound – Soldier hears a beep if the target is hit.
- 3. Sensation – Soldier experiences the actual weapon's weight and recoil.

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Each LMTS consists of an Instructor Operator Station (IOS), lasers for the weapons, targets to shoot at, and associated cabling and hoses. Units will provide weapons organic to the unit.

2-2 MISSION: In accordance with DA Pam 350-38 (STRAC Manual), the mission of the LMTS is to provide a means of training and evaluating the performance of a soldier's basic rifle marksmanship under simulated conditions on the following weapons: M9 Pistol, M16A2 Rifle, M4 Carbine.

SECTION III

3-1 RESPONSIBILITIES:

- A. Camp Roberts DPTMS is responsible for the supervision of the LMTS.
- B. The LMTS facility is staffed by one Camp Roberts employee who is responsible for the overall operation of the LMTS Facility, which includes: training unit trainers, safety, accountability, instructing, planning, supervision, administration, and evaluating. The Camp Roberts employee is responsible for the maintenance and accountability of all facility equipment and simulation devices to include the upkeep of the LMTS building (5006), and daily physical security measures including accountability of all lasers. An "In Brief" will be conducted daily on topics that include safety, break areas, smoking areas, equipment use, professional conduct, clean-up procedures, and basic "Do's and Don'ts".
- C. Using unit will provide one computer operator, and two trainers per four firing lanes. Operators and trainers will be available for a 4 hour block of instruction within 48 hours of unit training. Operators will be responsible for all LMTS operations and should be a SSG or higher. Trainers will be used to assist in coaching, monitoring, and conducting safety and instructional briefs.

SECTION IV

4-1 POLICIES:

- A. Prior to training on the LMTS, unit must conduct PMI. All units must train on the LMTS prior to training on the EST 2000.
- B. Unit Commanders or their designated representative(s) must ensure their personnel possess an accurate and serviceable ID card in order to enter the LMTS facility.
- C. All units requesting the LMTS will supply 1 OIC and NCOIC as well as at least 2 safety personnel. OIC will be E7 or above & NCOIC will be E5 or above.

- D. OIC or NCOIC will sign for the LMTS at Range Control each day prior to training. At the end of each day the OIC or the NCOIC will complete the Range utilization form and turn-in at Range Control.
- E. The LMTS does not "loan out" any equipment.
- F. Units will ensure all soldiers bring LBE/LBV, kevlar helmet, protective mask (with inserts if needed).
- G. Using unit will supply any required equipment that is not readily available at the LMTS center.
- H. Food/Drinks may be brought into and consumed in the Bldg 5006 Break area. Units are responsible for clean-up.

SECTION V

5-1 SCHEDULING PROCEDURES:

- A. All units and agencies wanting to use the LMTS will first contact the Camp Roberts Operations Branch by phone or face-to-face, to request days for training. A request must then be submitted online utilizing RFMSS. Camp Roberts Operations Fax number is 805-238-8303. SGT Michael Rider can be contacted at PH: 805-238-8206 or DSN: 949-8206. As with local units, submit as soon as possible. The address for Camp Roberts Operations is:

Camp Roberts MTC
ATTN: SGT Michael Rider
HWY 101, BLDG 107
Camp Roberts, CA 93451-5000

- B. Online RFMSS requests must be submitted to Camp Roberts Operations at least 90 days prior to training. The LMTS is scheduled based on receipt of the request at Camp Roberts Operations. Priority of use is first come first served with mobilizing units having priority. Once your scheduling is confirmed, an approval letter will be faxed or e-mailed to you.
- C. Once a request has been submitted through RFMSS to utilize the LMTS, the unit must setup an appointment for time to train the trainer for at least 2 hours. This time will be used to familiarize the unit trainer with how the simulator can be used to improve the units marksmanship. This will allow the I/O to concentrate on the operation of the simulator while the unit trainer is assisting their soldiers by recognizing where the fundamentals are breaking down and showing the soldier how to correct them.

This training is a perishable ability so the training will be completed within 48 hours of scheduled use of the simulator.

- D. The LMTS is in Bldg 5006 located in the 5000 block of buildings.
- E. CANCELLATIONS: In the event that a unit has to cancel training, Camp Roberts Operations will be notified in writing and verbally as soon as possible to allow other units to use the trainer.

SECTION VI

6-1 TRAINING MANAGEMENT:

- A. The Camp Roberts MTC LMTS Center is capable of training 30 personnel per day and can train no more than 4 personnel at any given time. It takes approximately 45 minutes to get soldiers qualified on the Zero Table, and Pop-up Table. Units training on the LMTS are encouraged to have concurrent training available.
- B. The incoming unit will sign a hand receipt for all equipment used for the training day on the LMTS and mini-rets systems.
- C. A risk assessment must also be submitted to CR Operations and Range Control after RFMSS request is approved.

6-2 POC for the above is SGT Rider at (805) 238-8206 or e-mail Michael.Rider1@us.army.mil.



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